

Outline of presentation scheduled for Tuesday, May 18 at 10 AM to the House
Subcommittee on Fisheries, Conservation, Wildlife, and Oceans

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The Chesapeake Bay in the Bohemia Manor High School Community: A Restoration Plan

- 1) Our Tributaries – watershed area of high school community is over 150 square miles
 - a) C&D Canal
 - b) Bohemia River
 - c) Elk River
 - d) Sassafras River
- 2) Problems
 - a) Water Pollution - Surface and Groundwater
 - i) Run-off
 - Sediment
 - ii) Nitrogen
 - iii) Phosphorous
 - iv) Mercury
 - v) Other Inorganic Material
 - vi) Bacteria
 - E-coli
 - b) Invasive Species
 - i) Fragmites
 - ii) Cattails
 - iii) Other exotic organisms, e.g. Snakeheads
 - c) Loss Of Habitat
 - i) SAV
 - ii)
- 3) Human Causes of these Problems
 - a) Population/urban sprawl
 - i) Increase in Impervious surfaces
 - ii) Loss of farmland, forests and wildlife habitats
 - iii) More pollution

- b) Sewage Treatment
 - i) Sewage Treatment Plants
 - Aging
 - Over Capacity
 - ii) Septic Systems
 - Not maintained
- c) Commercial Shipping and Recreational Boating
 - i) Dredging
 - Canal
 - Elk River
 - ii) Pollution
 - Ballast Dumping
 - Litter
 - Oil
 - Sewage
- d) Farming
 - i) Fertilizers
 - ii) Animal Waste
- 4) Solutions
 - a) Habitat Destruction
 - i) Smart Growth
 - Down-zoning
 - ii) Land Conservation
 - Buy land rights
 - b) Sewage Pollution
 - i) Updated Sewage Plants
 - Improve Technology
 - Expand citizens covered by current plants
 - ii) Raise Perk test standards
 - Sandy Soil not ok
 - c) Farmers
 - i) Best Management Practices
 - Already implemented
 - Soil Conservation Districts
 - d) Boating/shipping
 - i) Stricter boating regulations
 - ii) “Clean list” of safe species
 - e) Educational Programs
 - i) “Bay Schools”
 - ii) Community Environmental Clubs
 - f) Legislation
 - i) Clean Water Act
- 5) Funding
 - a) State level taxes
 - i) “Flush Tax”

- New to Maryland
- ii) Tax on Licenses
 - Boating
 - Fishing
 - Hunting
- b) Federal Income Tax Credit
 - i) Tax break for upgrading septic systems
 - ii) Tax break for selling land rights
 - iii) Energy Tax Credit
- c) Grants
 - i) School/community education programs
 - ii) Local Governments
 - Upgrade sewage treatment
 - iii) Chesapeake Bay Grant
- d) Fund Recommendations of Chesapeake Bay Agreement (2000)